

# Database Management System

Branch - CSE

4th Sem

Q.1. Answer All. ~~the~~ (2x10)

(a) What is the purpose of SQL?

(b) What is primary key & foreign key?

(c) What is the use of DROP command in SQL. Write the syntax of DROP

Command

(d) What do you mean by Subquery in DBMS?

(e) What is Entity and Entity Set?

(f) What do you mean by data abstraction?

(g) What integrity rules exist in DBMS?

(h) What is Functional dependency

in DBMS.

(i) What is BCNF in DBMS.

(j) How is the pattern matching done in SQL?

Q.2 Answer any six. (6x5)

(a) What are different types of joins in SQL? Explain.

(b) What do you mean by Relation in DBMS? What are different types of relationship in DBMS?

(c) What are the different type of language that are available in

- d) Difference between primary key and foreign key?
- (e) Explain the concept of ACID properties in DBMS.
- f) What is Data abstraction? what are the different levels of abstraction in DBMS?
- g) What is Integrity? what ~~are~~ integrity rules exist in DBMS?

Answer Any two - (10x2)

3. What is Normalization? what are all the different normalization? Explain.
4. What is E-R Model? Draw an E-R model of 'Hotel Management System'.
5. What is schema? explain briefly with its type.